

BLM WINNEMUCCA DISTRICT OFFICE
2013 GEOTHERMAL LEASE NOMINATIONS
SITE SPECIFIC STIPULATIONS

NV-13-01-003

1836.240 Acres
T.0230N, R.0270E, 21 MDM, NV
Sec. 006 LOTS 1-7;
 006 S2NE, SENW, E2SW, SE;
 008 ALL;
 018 LOTS 1-4;
 018 E2, E2W2;
Churchill County
Winnemucca DO
N-090761

SITE SPECIFIC STIPULATIONS

In addition to the general lease stipulations applicable to all nominated lease parcels, the following site specific stipulations apply to parcel NV-13-01-003:

CULTURAL/NATIVE AMERICAN

NV-WDO-CRNA-03(b), NTL

Surface Occupancy may be limited in areas with important cultural and archaeological resources, such as traditional cultural properties and Native American sacred sites, as identified through consultation.

For development and production phases, surface occupancy may be limited to a specific distance or precluded at hot springs, pending conclusion of the Native American consultation process.

Authority/Supporting Documentation:

EA-NV-02-029 Geothermal Resources Leasing PEA, DR, September 2002;
PEIS for Geothermal Leasing in the Western US, ROD, October 2008

Description of Lands

Entire Parcel

NV-WDO-CRNA-04, NSO

NRHP no surface occupancy. No surface occupancy within the boundary of properties designated or eligible for the National Register of Historic Places, including National Landmarks and National Register

Districts and Sites, and additional lands outside the designated boundaries to the extent necessary to protect values where the setting and integrity is critical to their designation or eligibility.

NTL: *Cultural resource surveys have not been performed over the majority of the lease area. Potentially NRHP eligible sites exist in T23 R27 S8 NWSE; T23 R27 S18 NENW; T23 R27 S18 NWNE.*

Authority/Supporting Documentation:

EA-NV-02-029 Geothermal Resources Leasing PEA, DR, September 2002

PEIS for Geothermal Leasing in the Western US, ROD, December 2008

Description of Lands

T.0230N, R.0270E, 21 MDM, NV

Sec. 008 NWSE;

Sec. 018 NENW, NWNE.

HISTORIC TRAILS

NV-WDO-HT-02, CSU/NTL

Protection of visual resources. This stipulation would be applied to BLM Visual Resource Management Class II areas (Visual Resource Management Class III management objectives would be met through conditions of approval applied during the permit approval process, and may be referenced in a lease notice) and other sensitive viewsheds such as within the visual setting of National Scenic and Historic Trails or near residential areas.

NTL: This parcel includes lands within the viewshed of congressionally designated historic trails. Fluid mineral operational activities may be subject to VRM standards up to VRM Class II in order to protect the historical and scenic values of the trails.

Authority/Supporting Documentation:

PEIS for Geothermal Leasing in the Western US, ROD, December 2008

Description of Lands

Entire Parcel

LANDS & REALTY

NV-WDO-L&R-01, NTL

This parcel contains linear Right(s)-of-Way. Contact ROW holder prior to any geothermal activities. No drilling, including exploration or development activities, within linear rights-of-way. Maintain a safe distance from electric conductors as recommended by the National Electric Safety Code.

Authority/Supporting Documentation:

EA-NV-02-029 Geothermal Resources Leasing PEA, DR, September 2002

Description of Lands

Entire Parcel

PALEONTOLOGICAL RESOURCES

NV-WDO-PALEO-02, NTL

This area has moderate potential for vertebrate paleontological resources. Potential Fossil Yield Classification (PFYC) 3: Moderate Potential.

Inventory and/or on-site monitoring during disturbance or spot checking may be required. If fossils are discovered, avoidance or data recovery will be required prior to their disturbance if they are deemed to be of scientific importance.

Authority/Supporting Documentation:

*PEIS for Geothermal Leasing in the Western US, ROD, December 2008;
 WO-IM-2008-009, Potential Fossil Yield Classification (PFYC) System for
 Paleontological Resources on Public Lands, dated October 15, 2007;
 WO-IM-2009-011, Assessment and Mitigation of Potential Impacts to Paleontological Resources,
 dated October 10, 2008.*

Description of Lands

T.0230N, R.0270E, 21 MDM, NV
 Sec. 006 S2, E2NW, SWNW, W2NE, SENE;
 Sec. 008 S2, NW.
 Sec. 018 ALL;

RIPARIAN

NV-WDO-RIPAR-01, NSO

No surface occupancy near surface water bodies, riparian areas, wetlands, playas or 100-year floodplains.

Additional Comments:

Applied to the following areas based on streams and playa areas mapped in the National Hydrography Dataset

T.0320N, R.0270E, 21 MDM, NV
 Sec. 006 L1, S2L2, SWL3, L4, L5, E2SENW, SWNE, SENE, NESE, NWSE, NESW, L6,
 N2L7, NW/NE/SESWSE, SESE;
 Sec. 008 NENE, NWNE, NW/SW/SENWNW, SWNW, NE/SW/SESENW, SWNE, SENE,
 NESE, NWSE, NESW, NWSW, SWSW, SESW, NE/NW/SESWSE, NE/NW/SWSESE;
 Sec. 018 E2 NENE, SENE, NESE, E2NWSE, S2L4, SESESW, SWSE, SESE.

Authority/Supporting Documentation:

PEIS for Geothermal Leasing in the Western US, ROD, October 2008

Description of Lands

See Additional Comments

NV-WDO-RIPAR-02, CSU/NTL

Controlled surface use of riparian and wetland habitat. Controlled surface use would be applied within 500 feet of riparian or wetland vegetation to protect the values and functions of these areas. Measures required will be based on the nature, extent, and value of the area potentially affected.

Additional Comments:

Applied to the following areas based on streams and playa areas mapped in the National Hydrography Dataset:

T.0320N, R.0270E, 21 MDM, NV

Sec. 006 L1, S2L2, SWL3, L4, L5, E2SENW, SWNE, SENE, NESE, NWSE, NESW, L6, N2L7, NW/NE/SESWSE, SESE;

Sec. 008 NENE, NWNE, NW/SW/SENWNW, SWNW, NE/SW/SESENW, SWNE, SENE, NESE, NWSE, NESW, NWSW, SWSW, SESW, NE/NW/SESWSE, NE/NW/SWSESE;

Sec. 018 E2NENE, SENE, NESE, E2;

Sec. 026 E2NE, NESE.

Authority/Supporting Documentation:

PEIS for Geothermal Leasing in the Western US, ROD, October 2008

Description of Lands

See Additional Comments

SOILS

NV-WDO-SOIL-02, CSU

Controlled surface use for protection of erosive soils and soils on slopes greater than 30 percent. This stipulation would be applied to minimize the potential for adverse impacts to soils as defined as severe or very severe erosion classes based on Natural Resources Conservation Service mapping.

Additional Comments:

Area affected by high wind erosion.

**Areas identified as having high potential for wind erosion can be evaluated by the BLM on a case-by-case basis for establishing possible mitigation measures.*

Authority/Supporting Documentation:

PEIS for Geothermal Leasing in the Western US, ROD, December 2008

Description of Lands

Entire Parcel

VISUAL RESOURCE MANAGEMENT

NV-WDO-VRM-02, CSU

Controlled surface use for the protection of visual resources. Controlled surface use would be applied to BLM Visual Resource Management Class II areas (Visual Resource Management Class III management objectives would be met through conditions of approval applied during the permit approval process, and may be referenced in a lease notice); NFS lands with a Scenery Management System integrity level of High; and other sensitive view sheds such as within the visual setting of National Scenic and Historic Trails or near residential areas.

Additional Comments:
VRM Class III

Authority/Supporting Documentation:
PEIS for Geothermal Leasing in the Western US, ROD, December 2008

Description of Lands
Entire Parcel

WILDLIFE

NV-WDO-WILD-05, CSU

Sensitive Species Stipulation. **Controlled Surface use or no surface occupancy to protect agency-designated sensitive species.** For agency-designated sensitive species (e.g. sage grouse), a lease stipulation (NSO, controlled surface use, or timing limitations) would be imposed for those portions of high value/key/crucial species habitat where other existing measures are inadequate to meet agency management objectives.

NTL: Based on habitat characteristics, the lessee may be required to conduct surveys for sensitive species that may potentially utilize the area.

Sensitive plant surveys will be required.

Authority/Supporting Documentation:
PEIS for Geothermal Leasing in the Western US, ROD, December 2008

Description of Lands
Entire Parcel

NV-WDO-WILD-03, CSU/TL

Controlled surface use or timing limitations for bighorn sheep habitat. Limit off-road vehicle use during the lambing seasons (May 1 through June 30) in bighorn sheep use areas. Limit new trail or road construction on potential bighorn sheep range to minimize access.

Additional Comments:
Potential bighorn Sheep Range

Authority/Supporting Documentation:
EA-NV-02-029 Geothermal Resources Leasing PEA, DR, September 2002

Description of Lands
Entire Parcel